

Title (en)

Process for purifying phosphoric acid.

Title (de)

Verfahren zur Reinigung von Phosphorsäure.

Title (fr)

Procédé de purification d'acide phosphorique.

Publication

**EP 0298948 A2 19890111 (EN)**

Application

**EP 88890169 A 19880629**

Priority

US 6999187 A 19870706

Abstract (en)

The invention is a process to purify a solution of phosphoric acid by removing transition metal impurities such as iron, chromium and vanadium. In the process a solution of phosphoric acid in an organic solvent which is substantially immiscible with water is contacted with an aqueous solution of a salt of an alkali metal of phosphoric acid. The phosphoric acid recovered following the contacting contains a substantially lesser content of transition metal impurities.

IPC 1-7

**C01B 25/234**

IPC 8 full level

**C01B 25/238** (2006.01); **C01B 25/46** (2006.01)

CPC (source: EP US)

**C01B 25/461** (2013.01 - EP US); **C01B 25/465** (2013.01 - EP US)

Cited by

CN1039800C

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0298948 A2 19890111**; **EP 0298948 A3 19890222**; **EP 0298948 B1 19911227**; AT E70812 T1 19920115; DE 3867158 D1 19920206; ES 2027424 T3 19920601; GR 3003696 T3 19930316; US 4780295 A 19881025

DOCDB simple family (application)

**EP 88890169 A 19880629**; AT 88890169 T 19880629; DE 3867158 T 19880629; ES 88890169 T 19880629; GR 920400122 T 19920130; US 6999187 A 19870706